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MS MISSING PARTS US Patent and Trademark Office	(571) 273-8300	(571) 272-4000

FROM: Michael R. Ward  
Reg. No. 38,651

DATE: July 17, 2007

Number of pages with cover page:	13	
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Preparer of this slip has confirmed that facsimile number given is correct:

12823/AXS26

Comments:

ATTORNEY DOCKET NO.: 247322003800

GROUP ART UNIT: Not Yet Assigned

EXAMINER: Not Yet Assigned

SERIAL NO.: 10/590,045

FILING DATE: August 17, 2006

INVENTOR(S): Yasuo SUDA

TITLE: CARBOHYDRATE-LIGAND CONJUGATES AND THEIR APPLICATION  
FOR THE ANALYSIS OF CARBOHYDRATE-PROTEIN INTERACTION

DOCUMENTS ATTACHED: RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

1. Transmittal in Duplicate Copy for Fee Processing (6 pages)
2. Copy of Notification of Missing Requirements (2 pages)
3. Declaration SIGNED (1 page)
4. Supplemental Application Data Sheet (3 pages)

Deposit Account authorized to be charged \$130.00

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To ensure compliance with requirements imposed by the United States Internal Revenue Service, Morrison & Foerster LLP informs you that, if any advice concerning one or more U.S. Federal tax issues is contained in this facsimile (including any attachments), such advice is not intended or written to be used, and cannot be used, for the purpose of (i) avoiding penalties under the Internal Revenue Code or (ii) preparing, marketing or recommending to another party any transaction or matter addressed herein.

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>247322003800</b>
<b>INTERNATIONAL APPLICATION NO.</b> <b>PCT/JP2005/003220</b>		<b>U.S. APPLICATION NO. (if known, see 37 CFR 1.6)</b> <b>10/690,045</b>
<b>INTERNATIONAL FILING DATE</b> <b>18 February 2005</b>		<b>PRIORITY DATE CLAIMED</b> <b>18 February 2004</b>
<b>TITLE OF INVENTION</b> <b>CARBOHYDRATE-LIGAND CONJUGATES AND THEIR APPLICATION FOR THE ANALYSIS OF CARBOHYDRATE-PROTEIN INTERACTION</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>SUDA, Yasuo</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (8), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) <b>SIGNED (1 page)</b>		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (3 pages)		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included		
13. <input type="checkbox"/> A preliminary amendment		
14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. (2 pages)		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (If known, see 37 CFR 1.6) <b>10/590,045</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2005/003220</b>		ATTORNEY'S DOCKET NUMBER <b>247322003800</b>	
20. <input checked="" type="checkbox"/> Other items or information: <b>1. Copy of Notice to File Missing Parts (2 pages)</b>					
The following fees have been submitted				<b>CALCULATIONS</b>	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$800				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
126 - 100 =	25 /50 =	1	x \$250.00	\$ 0.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.482(h)).				\$ 130.00	
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims		14 - 20 =	0	x 50.00	0.00
Independent claims		1 - 3 =	0	x 200.00	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ 360.00	0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0.00	
<b>SUBTOTAL =</b>				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 130.00	
				Amount to be refunded:	\$ 0.00
				Amount to be charged	\$

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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 03-1952 in the amount of \$ 130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE 7/17/2007NAME  
Michael R. Ward

CUSTOMER NUMBER: 20872

38,651  
REGISTRATION NUMBER

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. 571/273-8300, on the date shown below.

Dated: July 17, 2007

Signature:  (Lilla Olsen)

07/20/2007 LLANDGRA 04000032 031952 10590045

01 FC:1617 130.00 DA

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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/590,045	Yasuo Suda	247322003800

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/JP05/03220

I.A. FILING DATE	PRIORITY DATE
02/18/2005	02/18/2004

20872  
MORRISON & FOERSTER LLP  
425 MARKET STREET  
SAN FRANCISCO, CA 94105-2482

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JUN 18 2007

CONFIRMATION NO. 5627

371 FORMALITIES LETTER

\*OC000000024336347\*

Date Mailed: 06/13/2007

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### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/17/2006
- English Translation of the IA filed on 08/17/2006
- Copy of the International Search Report filed on 08/17/2006
- Copy of IPE Report filed on 08/17/2006
- Copy of Annexes to the IPE filed on 08/17/2006
- English Translation of Annexes to the IPE filed on 08/17/2006
- Preliminary Amendments filed on 08/17/2006
- Information Disclosure Statements filed on 03/16/2007
- Oath or Declaration filed on 08/17/2006
- Request for Immediate Examination filed on 08/17/2006
- U.S. Basic National Fees filed on 08/17/2006
- Priority Documents filed on 08/17/2006
- Specification filed on 08/17/2006
- Claims filed on 08/17/2006
- Abstracts filed on 08/17/2006
- Drawings filed on 08/17/2006

*Missing Requirements Due*  
**DOCKETED SB**  
*Qalvlp* *8/13/07*  
*1/13/08-F*

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

■ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/590,045	PCT/JP05/03220	247322003800

FORM PCT/DO/EO/905 (371 Formalities Notice)